Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A multi-channel radio operating with multiple security levels, comprising:

more than one input or [[/]]output, each input or [[/]]output corresponding to a security level;

a first common bus coupled to the more than one input or [[/]]output;

a first set of more than one processor coupled to the first common bus, each of the first set of processors corresponding to a security level;

a second set of more than one processors coupled to the first set of processors; [[and]]

a second common bus coupled to the first set of more than one processors and the second set of more than one processors; and

more than one transceiver, each transceiver being coupled to at least one of the processors of the first set of processors;

wherein one of the first processors of the first set of processors encodes information received from one of the input or output;

wherein the second common bus directs an encoded information so that it is received by an intended processor of the second set of more than one processors and not received or understood by another processor of the second set of more than one processors.

2. (Currently Amended) The multi-channel radio operating with multiple security levels of claim 1, wherein the first set of more than one processors are red processing devices. ~~further comprising:~~

~~a second common bus coupled to the first set of processors and the second set of processors.~~

3. (Currently Amended) The multi-channel radio operating with multiple security levels of claim 1[[2]], wherein the second set of more than one processors are black processing devices. ~~wherein one of the first processors of the first set of processors encodes information received from one of the input/outputs.~~

4. (Currently Amended) The multi-channel radio operating with multiple security levels of claim 3, wherein the first set of more than one processors are red processing devices. ~~wherein the second common bus directs the encoded information so that it is received by the intended processor of the second set of processors and not received or understood by other of the processors of the second set of processors.~~

5. (Original) The multi-channel radio operating with multiple security levels of claim 4, wherein the first common bus is an Ethernet packet switching device.

6. (Original) The multi-channel radio operating with multiple security levels of claim 4, wherein the second common bus is a PCI bus.

7-16. (Cancelled)

17. (Original) A multi-channel radio receiving information of different security levels, comprising:

a first set of processors;

a second set of processors, each of the second set of processors corresponding to a security level; and

a common bus interface coupled between the first set of processors and the second set of processors, the interface configured to isolate processors of the second set of processors from one another based on the information security level.

18. (Original) The multi-channel radio of claim 17, wherein the second set of processors comprise red processing devices.

19. (Original) The multi-channel radio of claim 17, wherein the common bus interface comprises a PCI bus.

20. (Original) The multi-channel radio of Claim 17, wherein the first set of processors comprise black processing devices.